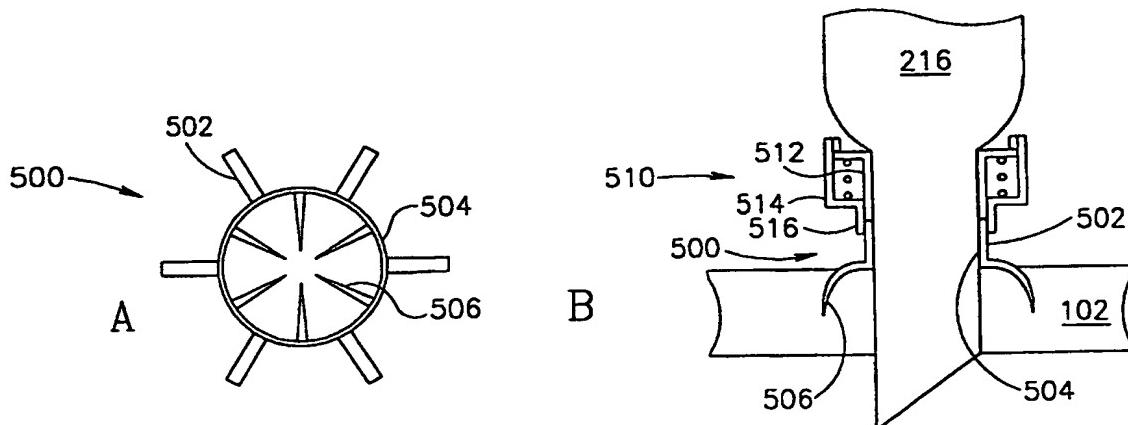




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| <p>(21) International Application Number: PCT/IL99/00674</p> <p>(22) International Filing Date: 9 December 1999 (09.12.99)</p> <p>(30) Priority Data:</p> <table> <tr> <td>129067</td> <td>19 March 1999 (19.03.99)</td> <td>IL</td> </tr> <tr> <td>PCT/IL99/00285</td> <td>30 May 1999 (30.05.99)</td> <td>IL</td> </tr> <tr> <td>PCT/IL99/00284</td> <td>30 May 1999 (30.05.99)</td> <td>IL</td> </tr> <tr> <td>PCT/IL99/00670</td> <td>8 December 1999 (08.12.99)</td> <td>IL</td> </tr> </table> <p>(71) Applicant (<i>for all designated States except US</i>): BY-PASS, INC. [US/US]; 40 Ramland Road, Orangeburg, NY 10962 (US).</p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (<i>for US only</i>): LOSHAKOVE, Amir [IL/IL]; P.O. Box 204, 42860 Moshav-Burgeta (IL). KILEMNIK, Ido [IL/IL]; 35 Nordau Street, 46585 Herzelia (IL). KEREN, Dvir [IL/IL]; 31 Harav Kook Street, 49315 Petach Tikva (IL).</p> <p>(74) Agents: FENSTER, Paul et al.; Fenster & Company Patent Attorneys, Ltd., P. O. Box 10256, 49002 Petach Tikva (IL).</p> | | 129067 | 19 March 1999 (19.03.99) | IL | PCT/IL99/00285 | 30 May 1999 (30.05.99) | IL | PCT/IL99/00284 | 30 May 1999 (30.05.99) | IL | PCT/IL99/00670 | 8 December 1999 (08.12.99) | IL | (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). |
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(54) Title: VASCULAR CLOSURE DEVICE



(57) Abstract

This invention is a device (500) for sealing a hole in a blood vessel, comprising a ring (504); a plurality of spikes (506) extending from said ring towards a center of said ring, and to first direction along an axis of said ring, said spikes being adapted for engaging a blood vessel; a plurality of tabs (502) extending substantially radially from said ring, wherein rotating said tabs around said ring distorts said ring such that said spikes are rotated in a same direction as said tabs.